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***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

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In re application of: Volker Mauer

Attorney Docket No.:  
ALTRP097/A1089

Application No.: Please assign

Examiner: Unknown

Filed: Herewith

Group: Unknown

Title: METHOD TO COMPENSATE FOR  
MEMORY EFFECT IN LOOKUP TABLE BASED  
DIGITAL PREDISTORTERS

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CERTIFICATE OF EXPRESS MAILING I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on February 17, 2004 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EV 332826127 US, addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

  
Ryan Eachus

**INFORMATION DISCLOSURE STATEMENT  
37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449 may be material to examination of the above-identified patent application. Applicants submit the list of these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application. Because the listed references were either cited by the PTO, or submitted to the PTO in the prior application, under 37 CFR § 1.98(d) Applicants submit that copies need not be provided.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure

Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. ALTRP097/A1089 ).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP

A handwritten signature in black ink, appearing to read "Desmond Gean". The signature is fluid and cursive, with a large initial 'D'.

Desmund Gean  
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<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. ALTRP097/A1089	Application No.: To be assigned
	Applicant: Volker Mauer Filing Date Herewith	Group Unknown

#### U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A						
	B						
	C						
	D						
	E						
	F						
	G						

#### Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	H							
	I							
	J							

#### Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	K	Andrew S. Wright and Willem G. Durtler, <i>Experimental Performance of an Adaptive Digital Linearized Power Amplifier</i> , IEEE Transactions on Vehicular Technology, Vol. 41, No. 4, November 1992 (pp. 395-400).
	L	G. Lazzarin, S. Pupolin, A. Sarti, <i>Nonlinearity Compensation in Digital Radio Systems</i> , IEEE Transactions on Communications, Vol. 42, No. 2/3/4, February/March/April 1994 (pp. 988-999).
	M	H. Qian, and G.T. Zhou, <i>A neural Network Predistorter For Nonlinear Power Amplifiers With Memory</i> , Proc. 10 <sup>th</sup> IEEE DSP Workshop (DSP '2002), Pine Mountain, GA, October 2002)
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.